7. A digital communication system according to claim 1, **characterized** in that a first one of the nodes is a central node of a first group of the nodes and a second one of the nodes is a central node of a second group of the nodes, the

5   first and second nodes being different nodes and the nodes being capable of being members in both the first and second group, each node having first memory means for storing information relating to information on the first one of the nodes and on the nodes of the first group and second memory

10   means for storing information relating to information on the second one of the nodes and on the nodes of the second group.

8. A digital communication system according to claim 7, characterized in that the nodes have control units connected to the transmitters and receivers for transferring to a

15   central node information on a change of a node to being or to finishing being a member in both the first and second groups.

9. A method in a digital communication system comprising nodes, the nodes including a central node and at least two

20   peripheral nodes, information only being directly transferred between the central node and each of the peripheral nodes, the central node controlling all the communication in the system, and information related to the system itself and/or the individual nodes being stored in the central node,

25   **characterized** in that information related to the system and/or the nodes is transferred to every peripheral node.

10. A method according to claim 9, **characterized** in that part of said information transferred to every peripheral node is derived from information conveyed from the peripheral nodes

30   to the central node when requested by the central node.

11. A method according to claim 9, **characterized** in that part of said information transferred to every peripheral node is derived from information conveyed from the peripheral nodes

to the central node initiated by the peripheral nodes in particular triggered by an event in the respective peripheral node.

12. A method according to claim 9, **characterized** in that said information is, entirely or in part, address information comprising an address of each of the peripheral nodes.

13. A method according to claim 9, **characterized** in that said information is, entirely or in part, compatibility related information.

14. A method according to claim 9, **characterized** in that all direct transfer of information is made wirelessly, in particular using short range radio waves.

15. A method according to claim 9, **characterized** in that the digital communication system is a Bluetooth piconet.

16. A method according to *CLAIM 9* ~~any of claim 9-15~~, **characterized** in that the transferring of said information is performed using a Bluetooth broadcast mechanism.

17. A method according to *CLAIM 9* ~~any of claim 9-15~~, **characterized** in that the transferring of said information is performed using the (Bluetooth unicast system) to each peripheral node in turn.

18. A method according to *CLAIM 9* ~~any of claim 9-17~~, **characterized** in that the transferring of said information is made using the (Bluetooth LMP protocol).

19. A method according to *CLAIM 9* ~~any of claim 9-17~~, **characterized** in that the transferring of said information is made using a protocol layer between the L2CAP and the network layer, said protocol layer emulating a shared medium network towards the network layer.

a — 20. A method according to ~~any of claim 13-19~~ CLAIM 13, **characterized** in that the transferring of said information is made when a new peripheral node joins the digital communication system.

a 21. A method according to ~~any of claim 13-20~~ CLAIM 13, **characterized** in
5   that, when a new peripheral node joins the system, the part of said information related to all the other peripheral nodes is transferred from the central node to said new peripheral node.

a 22. A method according to ~~any of claim 9-20~~ CLAIM 9, **characterized** in
10   that a message is transferred from the central node to all the peripheral nodes when one of the peripheral nodes has left the system.

23. A method according to claim 9, wherein a first one of the nodes is a master node of a first group of the nodes, a
15   second one of the nodes is a master node of a second group of the nodes, [the first and second ones of the nodes being different nodes and the group of first nodes and the group of second nodes together with the second one of the nodes having a node in common,] this node being a forwarding node,
20   **characterized** in that when a node changes from being a forwarding node to not being a forwarding node, or vice versa, a message is sent to all the nodes in the first and second groups except the node itself.

24. A method according to claim 23, **characterized** in that the
25   message is sent from the master nodes of the first and second groups.

25. A method according to claim 23, **characterized** in that the message is sent from the node itself.

26. A method according to claim 23, **characterized** in that before
30   sending the message, information of the change of forwarding node status in the node is transferred from the node to the

master node of the first group, and to the master node of the
second group, provided that the node is not the master node
of the second group.